EXECUTIVE SUMMARY

Date Summary Prepared: 12/16/2003

Mine Name: Cedar Springs	**I.D. Number:** M023/059
Operator: Nephi Sandstone	**Date Original Notice Received: March 02,2000**
Address: P.O. Box 137	**County: Juab**
1250 North 200 West	**New/Existing:** LMO
Nephi, Utah 84648	**Mineral Ownership:** Private
	Surface Ownership: Private
Contact Person: Bruce Evans	**Lease No.(s):** N/A
Telephone: 435-623-2332	**Permit Term**: Life of Mine

Life of Mine: Unknown

Legal Description: East ½ of the SE1/4 of Section 15, T16S, R1W, SLBM

Mineral(s) to be Mined: Gypsum

Acres to be Disturbed: 10 Acres

Present Land Use: Wildlife and Grazing

Postmining Land Use: Wildlife and Grazing

Variances from Reclamation Standards (Rule R647) Granted: None

Soils and Geology

Soil Description: Soils within the project area belong to the Lodar-Rock Outcrop Complex and the Saxby, Moist-Rock Outcrop Complex. The topsoil ranges from 6-10 inches thick. Bedrock is within 10 to 20 inches. Both of these soils are classified as a very cobbly loam, and have a high percentage of rock fragments (15 to 20%).

Special Handling Problems: Due to steep slopes, care needs to be taken when salvaging these soils.

Geology Description: Section 15 encompasses the north half of the Skinner Peaks. The core of Skinner Peaks is formed by the Eocene Green River (freshwater limestone and shale). The west, east, and northeast flanks of Skinner Peaks is composed of intrusive (diapiric) masses of Jurassic Arapien Shale (gypsum, salt, and shale) in fault contact with the Green River Formation. Arapien outcrops are often chaotic due to deformation from flowage and dissolution of salt and subsequent collapse. The lower slopes in the northeast, north, and west parts of the section are composed of Oligocene (?) Goldens Ranch Formation. (mostly conglomerate and sandstone). The gentle slopes in the northwest part of the section at the canyon mouth are composed of Quaternary/Tertiary coalesced alluvial fans (Vogel, 1957: Witkind and others, 1987).

Hydrology

Ground Water Description: There are some springs in the drainage above the site, but no wells or springs will be directly affected by the project, or are in close proximity to the site.

Surface Water Description: The surface water drainage from the site is ephemeral as well as the canyon drainage below the site. There is a spring, east of the mine site, piped down canyon below the mine site and used for stock watering. The location of the spring is far enough upgradient of the site that there was a finding of no significant impact to any surface water resources in the area of the mine.

Water Monitoring Plan: N/A

Ecology

Vegetation Type(s); Dominant Species: The project is within the transition of the Pinyon/Juniper vegetation community to the Gambel oak community. Dominant species include: Utah juniper, Pinyon pine, Gambel Oak, Mountain mahogany, Basin big sagebrush, Bluebunch wheatgrass and Sandberg bluegrass..

Percent Surrounding Vegetative Cover: 34.88% vegetative ground cover. Reclamation success standard will be 70% of this, or 24.4% ground cover.

Wildlife Concerns: This is within the high priority winter range for deer and elk. The Revegetation plan focuses on restoring/enhancing winter wildlife habitat values with quality forage species.

Surface Facilities: No permanent structures, Portable crushing and screening equipment, fuel tanks, periodic contract mining equipment such as: air track drill, front end loader, haul trucks, excavators etc. and stockpiled gypsum products

Mining and Reclamation Plan Summary:

During Operations: The operation will be an open pit mining operation. The overburden will be pushed to the edges of the property and stockpiled where necessary. The exposed gypsum will be drilled using an air track drill and prepared for blasting as needed for production purposes. A mobile crushing plant and screening plant will be used at the site to crush, size, and stockpile material. The processed material will be loaded and trucked from the site to market.

After Operations: At the conclusion of mining operation, the pad areas will be contoured and scarified. Soil material that was dozed to the edges of the mine property is minimal so distribution of soil over flat areas of the mine will be spread sparingly and mulch compost will be added to the soil to enhance revegetation if needed. Water bars will be built to control erosion and drainage will be reestablished. Seedbeds will be prepared by ripping prior to seeding to enhance water harvesting. Any residual product gypsum stockpiles that are left on site will be contoured and reseeded. Native seed species will be used for revegetation. There will be no waste tailings or sediment ponds used in this operation . The site will be left free draining. Trash and debris will be disposed of in a proper manner. A cable gate will be installed to limited public access. The site will return to wildlife habitat and grazing land.

Surety

Amount: $30,000
Form: Surety Bond, Travelers Casualty[redacted]
Renewable Term: 5 years, (2008)

jb
O:\M023-Juab\M02300594 Cedarsprings\final\exec-summ-12162003.doc